INDEX TO VOLUME 6 Subjects

Abdomen,vascular disorders,sonography in the emergency department, 606

Abdominal injury

blunt trauma,open versus closed peritoneal lavage, 352-356, 367-371

splenic rupture, 28-31

Abdominal pain

intestinal nonrotation, 235-237

pacemaker electrode perforation of myocardium, 180-184
Acid-base disorders, lactic acidosis, theophylline overdose and,
417-418

Abscess, glossal, 406-408

Accessory conduction pathway, electrocardiography, 434-436
Acetone

concentrations, isopropyl alcohol ingestion and, 38-40 isopropanol overdose, 297-299

Acetonemia, isopropyl alcohol ingestion and, 38-40

Acetonuria, isopropyl alcohol ingestion and, 38-40 Acetylcysteine, N-, interference with guaiac test, 474-480

Acidosis, formic acid poisoning induction of, 286-290
Acquired immune deficiency syndrome, CNS toxoplasmosis in, 588-592

Adrenaline

see also Epinephrine

pheochromocytoma presenting as shock and, 44-47 ADSOL, red cells stored in, compatibility with intravenous solutions, 162-164

Adult respiratory distress syndrome, cyclic antidepressant overdose and, 8

Aeromedical emergencies, 216-226

Aggressive patient, rapid tranquilization, 313-320

Air ambulance

aeromedical transport, 216-226

rural emergency departments, 384-386

Air travel, commercial, medical aspects of, 216-226

Airway

obstruction, malignant, YAG laser under helium-oxygen administration, 294-296

upper, obstruction, presenting as new-onset wheezing, 173-176 Alcohol

see also Ethanol

ingestion, serum osmolality in, 256-259

isopropyl, subtoxic dose, acetonemia;shacetonuria following, 38-40

American Association of Poison Control Centers, 1988 annual report, 495-545

Aminophylline, therapy, emergency department, 395-401

Amitriptyline, overdose, 6-7

Amoxapine, overdose, 6-7

Analgesia, hypnosis in emergency department, 238-242 Analgesics

emergency department use of, 155-161

oligoanalgeisa, emergency department, 620-623

Anesthesia, hypnosis in emergency department, 238-242

Aneurysm

see also specific type

popliteal artery, 83

Angina, prinzmetal, electrocardiography, 612-615

Angiography, popliteal artery, 84-86

Anticholinergic poisoning syndrome, after benztropine overdose, 199-202

Anticonvulsant drugs

cyclic antidepressant overdose seizures, 8 phenytoin overdose, 61-67

Antidepressants, see also Cyclic antidepressants

Appendiction, appendiceal stump abscess after, 411-412 Appendicitis

acute, splenic rupture and, 28-31

appendiceal stump abscess after appendectomy, 411-412 morbidity, gender and barium enema influences on, 253-255

Arachnidism, cutaneous, spider bites, 309-312

Arrhythmias

cyclic antidepressant toxicity, 9-10

ventricular, during rectal examination, 57-60

Arterial insufficiency, Doppler ultrasound, hand-held, emergency department, 209-215

Arterial saturation, pulse oximetry, 422-425

Asthma

computer optimization of aminophylline therapy, emergency department, 395-401

department, 395-401
wheezing, identification with pulse oximetry, children, 567-570
Asystole, pediatric, prehospital countershock treatment, 571-575

Atrial fibrillation, electrocardiography, 434-436

Atrioventricular block, advanced, ECG, 88-90

Auditory canal, external, concrete impaction, 32-33

Autonomic nervous system, atrioventricular conduction and, ECG, 88-90

Barium enema, morbidity and, acute appendicitis, 253-255 β-Blocker therapy, chronic, cardiac tamponade and malignancy, 291-293

Benztropine, overdose, prolonged anticholinergic toxicity after, 199-202

Bicycle injury, fatality from rearview mirror, 300-301

Biliary tract, sonography, emergency department, 606 Bleeding, complications, after streptokinase infusion, 185-186

Blood, occult, guaiac card tests for, 474-480

Blood pressure, high, detection and follow-up in emergency department. 16-20

Bronchitis, high-altitude, 426-433

Burns, caustic, concrete-cement, 32

Calcium channel blockers

massive verapamil ingestion, 624-631

potentiation of cocaine toxicity, 464-468

Camphor, ingestion, toxic effects, 41-43

Carbon dioxide, end-tidal, experimental cardiac arrest, 378-383 Carbon monoxide, poisoning, severe storm, 598-604

Cardiac arrest

automatic external defibrillators, use by lay persons, 143-149

cervical spine injury presenting as, 54-56

cyclic antidepressant toxicity, 9-10

experimental, intra-aortic balloon pump during, 378-383

perimortem cesarean section and, 489-494

sudden death, emergency medical services and defibrillation effects on survival, 68-82

Cardiac tamponade, metastatic carcinoma and, chronic β-blocker therapy complicating, 291-293

Cardiopulmonary resuscitation, cerebral blood flow during, norepinephrine versus epinephrine effects, 278-282

Cardiovascular complications, antidepressant overdose and seizures, 7-8

Catecholamines, pheochromocytoma presenting as shock and, 44-47

Cathartics, magnesium toxicity induced by, management of theophylline poisoning, 34-37

INDEX TO VOLUME 6 Subjects

Abdomen,vascular disorders,sonography in the emergency department, 606

Abdominal injury

blunt trauma,open versus closed peritoneal lavage, 352-356, 367-371

splenic rupture, 28-31

Abdominal pain

intestinal nonrotation, 235-237

pacemaker electrode perforation of myocardium, 180-184
Acid-base disorders, lactic acidosis, theophylline overdose and,
417-418

Abscess, glossal, 406-408

Accessory conduction pathway, electrocardiography, 434-436
Acetone

concentrations, isopropyl alcohol ingestion and, 38-40 isopropanol overdose, 297-299

Acetonemia, isopropyl alcohol ingestion and, 38-40

Acetonuria, isopropyl alcohol ingestion and, 38-40 Acetylcysteine, N-, interference with guaiac test, 474-480

Acidosis, formic acid poisoning induction of, 286-290
Acquired immune deficiency syndrome, CNS toxoplasmosis in, 588-592

Adrenaline

see also Epinephrine

pheochromocytoma presenting as shock and, 44-47 ADSOL, red cells stored in, compatibility with intravenous solutions, 162-164

Adult respiratory distress syndrome, cyclic antidepressant overdose and, 8

Aeromedical emergencies, 216-226

Aggressive patient, rapid tranquilization, 313-320

Air ambulance

aeromedical transport, 216-226

rural emergency departments, 384-386

Air travel, commercial, medical aspects of, 216-226

Airway

obstruction, malignant, YAG laser under helium-oxygen administration, 294-296

upper, obstruction, presenting as new-onset wheezing, 173-176 Alcohol

see also Ethanol

ingestion, serum osmolality in, 256-259

isopropyl, subtoxic dose, acetonemia;shacetonuria following, 38-40

American Association of Poison Control Centers, 1988 annual report, 495-545

Aminophylline, therapy, emergency department, 395-401

Amitriptyline, overdose, 6-7

Amoxapine, overdose, 6-7

Analgesia, hypnosis in emergency department, 238-242 Analgesics

emergency department use of, 155-161

oligoanalgeisa, emergency department, 620-623

Anesthesia, hypnosis in emergency department, 238-242

Aneurysm

see also specific type

popliteal artery, 83

Angina, prinzmetal, electrocardiography, 612-615

Angiography, popliteal artery, 84-86

Anticholinergic poisoning syndrome, after benztropine overdose, 199-202

Anticonvulsant drugs

cyclic antidepressant overdose seizures, 8 phenytoin overdose, 61-67

Antidepressants, see also Cyclic antidepressants

Appendiction, appendiceal stump abscess after, 411-412 Appendicitis

acute, splenic rupture and, 28-31

appendiceal stump abscess after appendectomy, 411-412 morbidity, gender and barium enema influences on, 253-255

Arachnidism, cutaneous, spider bites, 309-312

Arrhythmias

cyclic antidepressant toxicity, 9-10

ventricular, during rectal examination, 57-60

Arterial insufficiency, Doppler ultrasound, hand-held, emergency department, 209-215

Arterial saturation, pulse oximetry, 422-425

Asthma

computer optimization of aminophylline therapy, emergency department, 395-401

department, 395-401
wheezing, identification with pulse oximetry, children, 567-570
Asystole, pediatric, prehospital countershock treatment, 571-575

Atrial fibrillation, electrocardiography, 434-436

Atrioventricular block, advanced, ECG, 88-90

Auditory canal, external, concrete impaction, 32-33

Autonomic nervous system, atrioventricular conduction and, ECG, 88-90

Barium enema, morbidity and, acute appendicitis, 253-255 β-Blocker therapy, chronic, cardiac tamponade and malignancy, 291-293

Benztropine, overdose, prolonged anticholinergic toxicity after, 199-202

Bicycle injury, fatality from rearview mirror, 300-301

Biliary tract, sonography, emergency department, 606 Bleeding, complications, after streptokinase infusion, 185-186

Blood, occult, guaiac card tests for, 474-480

Blood pressure, high, detection and follow-up in emergency department. 16-20

Bronchitis, high-altitude, 426-433

Burns, caustic, concrete-cement, 32

Calcium channel blockers

massive verapamil ingestion, 624-631

potentiation of cocaine toxicity, 464-468

Camphor, ingestion, toxic effects, 41-43

Carbon dioxide, end-tidal, experimental cardiac arrest, 378-383 Carbon monoxide, poisoning, severe storm, 598-604

Cardiac arrest

automatic external defibrillators, use by lay persons, 143-149

cervical spine injury presenting as, 54-56

cyclic antidepressant toxicity, 9-10

experimental, intra-aortic balloon pump during, 378-383

perimortem cesarean section and, 489-494

sudden death, emergency medical services and defibrillation effects on survival, 68-82

Cardiac tamponade, metastatic carcinoma and, chronic β-blocker therapy complicating, 291-293

Cardiopulmonary resuscitation, cerebral blood flow during, norepinephrine versus epinephrine effects, 278-282

Cardiovascular complications, antidepressant overdose and seizures, 7-8

Catecholamines, pheochromocytoma presenting as shock and, 44-47

Cathartics, magnesium toxicity induced by, management of theophylline poisoning, 34-37

U·M·I

INCORRECT VOLUME NUMBER, SHOULD READ VOLUME 7.



Catheterization, Doppler ultrasound, radial artery cannulation guided by, 260-262

Central nervous system, toxoplasmosis, with AIDS, 588-592 Cerebral blood flow, during CPR, norepinephrine versus epinephrine effects, 278-282

Cervical spine injury

blunt head trauma and, 139-142

masquerading as medical emergency, 54-56

Cervical vertebrae, cervical spine injury presenting as medical emergency, 54-56

Cesarean section, perimortem, 489-494

Charcoal

activated

interference with guaiac test, 474-480 management of theophylline poisoning, 34-37

Chemical restraints, rapid tranquilization of violent patient, 313-320

Chest pain

atypical, thallium myocardial scanning in emergency department, 321-328

suspected myocardial infarction and, 372-377

Children

asystole, prehospital countershock treatment, 571-575 camphor ingestion, 41-43

chewable iron supplement overdose, abdominal radiographs in, 459-463

emergency management, computerized guidelines, 91-96 endotracheal intubation, paramedics' performance of, 364-366 ethanol poisoning, 283-285

Guiliain-Barr'e syndrome, 177-179

infants, predictors of bacterial diarrhea in, 469-473 status epilepticus, rectal diazepam in, 168-172

topical minoxidil overdose, severe toxicity from, 419-421 wheezing, identification with pulse oximetry, 567-570

Child-resistant closures, topical minoxidil, ingestion and severe toxicity, 419-421

Choriocarcinoma, rupture of hepatic masses from, massive hemoperitoneum following, 196-198

Circulation time, experimental cardiac arrest, intra-aortic balloon pump during, 378-383

Clinical characteristics, emergency department, the Netherlands, 632-639

Clinical prediction, bacterial diarrhea, infants, 469-473
Cocaine, toxicity, potentiaton with calcium channel blockers,
464-468

464-468
Colovesical fistula, detection, emergency department, 191-195
Coma, cyclic antidepressant toxicity, 9-10

Communication, improvement, FAX machine, 203-208

Community health workers, emergency department, detection and follow-up of high blood pressure, 16-20

Compression bandage, coral snake envenomation, without visible fang marks, 402-405

Computers

emergency management, pediatric and adult, 91-96 optimization of aminophylline therapy, emergency department, 365-401

Continuous positive airway pressure, renal failure patient, 336-339 Coral snake, envenomation, without visible fang marks, 402-405 Coronary artery

ensem

electrocardiography, 612-615

intravenous epinephrine overdose and, 485-488

Countershock, prehospital treatment, pediatric asystole, 571-575 CPR, see Cardiopulmonary resuscitation

Crotalid venoms, topical ophthalmic exposure, 307-308

Cyanide, poisoning, 437-440

Cyclic antidepressant drugs

see also specific drug

155-161

overdose, seizures due to, 5-10

Cyclic antidepressants, see Antidepressant overdose

Cystic adventitial disease, lower extremity ischemia, 85-86

Defibrillation, influences on sudden cardiac death, 68-82 Defibrillators, automatic external, training of lay persons, 143-149 Demerol, antagonistic effects, usage in emergency department,

Demography, emergency department, the Netherlands, 632-639 Desipramine, overdose, 6-7

Dextrose, concrete impaction of auditory canal, 32-33

Diaphragm, pacing, pacemaker electrode perforation of myocardium, 180-184

Diarrhea, bacterial, predictors of, infant, 469-473

Diazepam, rectal, pediatric status epilepticus, 169-172

Differential diagnosis, high-altitude pulmonary edema, 426-433

Diltiazem, potentiation of cocaine toxicity, 464-468

Dimethylaminoethanol, interference with guaiac test, 474-480

Disaster planning, severe storm, emergency health impact of, 598-604

Doppler ultrasound, see Ultrasonography

Doxepin, overdose, 6-7

Drug administration, rectal diazepam, pediatric status epilepticus, 169-172

Drug overdose

benztropine, anticholinergic toxicity after, 199-202

chewable iron supplement, abdominal radiographs in, 459-463 epinephrine, intravenous, coronary artery spasm and, 485-488 isopropanol, 297-299

massive verapamil ingestion, 624-631

phenytoin, 61-67

theophylline, lactic acidosis in, 417-418

topical minoxidil, 419-421

Drug therapy, high-altitude pulmonary edema, 426-433 Dysesthesia, painful, Guillain-Barré syndrome, 177-179

ECG, see Electrocardiogram

Elderly patients

increased pedestrian mortality, 387-390

tetanus immunization, emergency department, 563-566

Electrocardiography

coronary artery disease, 612-615

leads, atrioventricular biock, 88-90

Embolectomy, pulmonary, 593-597

Embryo transfer, hemorrhagic shock, unsuspected heterotopic pregnancy, 49-53

Emergency department

cesarean section, perimortem, 489-494

clinical and demographic characteristics, the Netherlands,

colovesical fistula detection in, 191-195

evaluation of chest pain, thallium myocardial scanning, 321-328

hand-held Doppler ultrasonography use in, 209-215

high blood pressure, detection and follow-up, 16-20

hypnosis in, 238-242

illness related to smoking, analysis of, 187-190

oligoanalgesia, 620-623

opiate-induced sedation use in, 155-161

pulse oximetry in, 422-425

rural, helicopter use, 384-386

sonography, 605-611

stroke patient evaluation, before pharmacologic therapy, 11-15 tetanus immunization, 563-566

use of observation units, survey in the U. S., 576-580

Emergency medical services

automatic external defibrillators, use by lay persons, 143-149

influences on sudden cardiac death, 68-82

pediatric and adult, computerized guidelines, 91-96

Emergency medical technicians

influences on sudden cardiac death, 68-82

methods of testing for triage skills, comparison, 1-4

Emesis, ipecac-induced, knee-chest position and, 267-270

EMT, see Emergency medical technicians

Encephalopathy, anoxic, cyclic antidepressant overdose and, 8

Enzyme immunoassay, coral snake envenomation, without visible fang marks, 402-405

Epap mask, high-altitude pulmonary edema, 426-433

Epidemiology, aeromedical illness, 216-226

Epididymis, blunt trauma, 227-234

Epinephrine

see also Adrenaline

intravenous overdose, coronary artery spasm and, 485-488

norepinephrine versus, during CPR, 278-282

pheochromocytoma presenting as shock and, 44-47

Ethanol

see also Alcohol

poisoning, child, survival, 283-285

Ethylene glycol, ingestion, serum osmolality in, 256-259

Eye injuries, rattlesnake venom, 307-308

Facsimile machine (FAX), improving medical communications,

Fecaluria, detection of colovesical fistula and, emergency department, 191-195

Fertilization, in vitro, hemorrhagic shock in unsuspected heterotopic pregnancy, 49-53

Fever, temperature measurement, oral versus rectal, 391-394 Fibrillation

ventricular

during rectal examination, 57-60

use of automatic external defibrillators by lay persons, 143-149

Formic acid, poisoning, hemolytic activity, 286-290

Freezing point depression, ingestions of volatile substances,

Gamete intrafallopian transfer, alternative to in vitro fertilization; shembryo transfer, 52

Gastroenteritis, bacterial diarrhea, predictors of, infants, 469-473 Gastrointestinal bleeding, guaiac tests, substances that interfere with, 474-480

Gastrointestinal dialysis, activated charcoal, magnesium toxicity induced by, 34-37

Gender, morbidity and, acute appendicitis, 253-255

Geriatric patients, see Elderly patients

Guaiac, card tests, substances that interfere with, 474-480

Guillain-Barré syndrome, postural guarding and hypertension as initial manifestation of, 177-179

Head injury, blunt trauma, cervical spine injuries and, 139-142

Heart, sonography, emergency department, 606

Heart attack, thallium scanning, evaluation of chest pain, 321-328 Heart disease

cardiac arrest, see Cardiac arrest

sudden cardiac death, see Sudden cardiac death

Heat stroke, iced peritoneal lavage, 616-619

Helicopter, rural emergency departments, 384-386

Hemodialysis

camphor ingestion and, 41-43

renal failure patient, pulmonary edema and, 336-339

Hemolysis, formic acid poisoning induction of, 286-290

Hemoperitoneum, spontaneous, from rupture of hepatic masses, 196-198

Hemophilia, splenic rupture and, 28-31

Hemophilus parainfluenzae, glossal abscess, 406-408

Hemorrhage, neurological manifestation, myelogenous leukemia, 481-484

Hemorrhagic shock

heterotopic pregnancy, in vitro fertilization patient, 49-53

prehospital management, intravenous fluid therapy, 357-363

Hepatitis, viral, splenic rupture and, 28-31

Holding units, survey in the U.S., 576-580

Human chorionic gonadotropin, levels, unsuspected choriocarcinoma and, 196-198

Hydrostatic mechanism, versus permeability mechanism, pulmonary edema, 426-433

Hypertension

pheochromocytoma and, 44-47

postural guarding and, Guillain-Barr'e syndrome, 177-179

Hyperthermia, iced peritoneal lavage, 616-619

Hypnosis, emergency department, 238-242

Hypoanalgesia, emergency department, 238-242

Hypoanesthesia, emergency department, 238-242

Hypokalemia, severe, thyrotoxic periodic paralysis, 584-587 Hypotension

cyclic antidepressant toxicity, 9-10

pheochromocytoma and, 44-47

Hypothenar hammer syndrome, bilateral, digital ischemia, 302-306 Hypoxia, hypobaric, 426-433

Imipramine, overdose, 6-7

Immunization, tetanus, emergency department patients, 563-566

Infant, bacterial diarrhea, clinical prediction of, 469-473

Injection injury, high-pressure water, 165-167

Injury patterns, motor vehicle, safety restraint laws and, 271-277 Interhospital transfer, helicopter, rural emergency departments,

384-386

Intestinal nonrotation, acute presentation, 235-237

Intra-aortic balloon pump, hemodynamic effects, experimental cardiac arrest, 378-383

Intrauterine device, sonography, emergency department, 606 Intravenous solutions, ADSOL-stored red cell compatibility with, 162-164

Intravenous therapy, hemorrhagic shock, 357-363

Intubation, endotracheal, paramedics' performance of, pediatric,

Ipecac, emesis induced by, knee-chest position and, 267-270

Iron, chewable supplements, overdose, children, x-rays in, 459-463 Irrigation, concrete impaction of auditory canal, 32-33 Ischemia

digital, hypothenar hammer syndrome, 302-306

lower extremity, 83-87

silent, presence or absence of chest pain, 372-377

Isopropanol, overdose, 297-299

Jaw, dislocated, diagnosis and treatment, 329-335

Knee-chest position, ipecac-induced emesis, 267-270

Lactic acidosis, theophylline overdose and, 417-418

Lavage

peritoneal

blunt abdominal trauma, 352-356, 367-371

iced, heat stroke, 616-619

Leukemia

acute myelogenous, neurological manifestations as initial presentation, 481-484

splenic rupture and, 28-31

Limb leads, electrocardiography, 612-615

Liquids, ingestion, effect on oral, rectal, and tympanic membrane-derived temperature, 150-154 Liver, metastases, rupture, hemoperitoneum from, 196-198 Locked-in syndrome, 581-583 Loxoscelism, necrotic arachnidism, 309-312 Lung cancer, YAG laser, under helium-oxygen administration, 294-296 Lymphoma, splenic rupture and, 28-31

Magnesium, toxicity, cathartic-induced, 34-37 Mandible, dislocated, diagnosis and treatment, 329-335 Maprotilene, overdose, 6-7 Marijuana, pheochromocytoma presenting as shock and, 44-47 Mastoiditis, coalescent, emergency presentation, 413-416 Medical records, improving communication, FAX machine, 203-208 Meningeal neoplasms, neurological manifestations of, 481-484 Methanol, ingestion, serum osmolality in, 256-259 Methemoglobulinemia, cyanide poisoning, 437-440 Minoxidil, topical, ingestion of, severe toxicity, 419-421 Mononucleosis, infectious, splenic rupture and, 28-31 Mortality, pedestrian, elderly patients, 387-390 Motorcycle injury, fatality from rearview mirror, 300-301 Motor vehicle injury motorcycle, fatality from rearview mirror, 300-301 safety restraint laws and, 271-277 Moulage, testing EMT triage skills, 1-4 Myocardial infarction acute, presence or absence of chest pain, 372-377 during rectal examination, 57-60

Nalmefene, antagonistic effects, usage in emergency department,

thallium scanning, evaluation of chest pain, 321-328

thallium scanning, evaluation of chest pain, 321-328

perforation, pacemaker electrode, 180-184

Naloxone, antagonistic effects, usage in emergency department, 155-161

Narcotics, oligoanalgesia, emergency department, 620-623 Natural disaster, severe storm, emergency health impact of,

Necrotic arachnidism, brown recluse spider bites, 309-312 Nervous system, acute myelogenous leukemia presentation,

Nifedipine, potentiation of cocaine toxicity, 464-468 Noradrenaline, pheochromocytoma presenting as shock and, 44-47

Norepinephrine epinephrine versus, during CPR, 278-282 pheochromocytoma presenting as shock and, 44-47 Nortriptyline, overdose, 6-7

splenic rupture and, 28-31

Myocardium

Observation beds, survey in the U.S., 576-580 Observation units, survey in the U.S., 576-580 Obstruction, tracheal, presenting as new-onset wheezing, 173-176 Occult fracture, cervical spine injury presenting as medical emergency, 54-56

Oligoanalgesia, emergency department, 620-623 Opiates, antagonistic effects, usage in emergency department,

Osteomyelitis, cervical spine injury presenting as, 54-56 Otitis media, coalescent mastoiditis, emergency presentation, 413-416

cyclic antidepressant, seizures due to, 5-10

Oxygen, saturation, identification of wheezing with pulse oximetry, children, 567-570 Oxygen therapy, high-altitude pulmonary edema, 426-433

bichambered, electrocardiography, 434-438 malfunction, electrode perforation of myocardium, 180-184 Pain, oligoanalgesia, emergency department, 620-623 Paralysis, periodic, severe hypokalemia in, 584-587 Patient transfer, improving communication, FAX machine, 203-208 Pedestrian, mortality, elderly patients, 387-390 Pedestrian injuries, fatality from rearview mirror, 300-301 Pediatric emergency medicine, see Children; Emergency medical services Perinatology, perimortem cesarean section, 489-494 Peritoneal lavage iced, heat stroke, 616-619

open versus closed, blunt abdominal trauma, 352-356, 367-371 Peritonitis, appendiceal stump abscess, 10 years after appendectomy, 411-412

Pharmacokinetics

benztropine, anticholinergic toxicity after, 199-202 isopropanol overdose, 297-299 optimization of aminophylline therapy, emergency department, rectal diazepam, pediatric status epilepticus, 169-172

Pharmacologic therapy, stroke patient, evaluation in emergency department and, 11-15

Pharmacology, rectal diazepam, pediatric status epilepticus, 169-172

Phenytoin, overdose, 61-67 signs and symptoms, 64-65 Pheochromocytoma, presenting as shock, 44-47

Phrenic nerve, paralysis, after streptokinase infusion, 185-186 Physostigmine, benztropine overdose and, 199-202

Pneumaturia, detection of colovesical fistula and, emergency department, 191-195

Pneumonia

coma and, cervical spine injury presenting as, 54-56 high-altitude pulmonary edema, 426-433

Pneumonitis, aspiration, cyclic antidepressant overdose and, 8 Poisonina

1988 annual report of American Association of Poison Control Centers National Data Collection System, 495-545 carbon monoxide, severe storm, 598-604 chewable iron supplements, abdominal radiographs in, 459-463 cyanide, 437-440 etnanol, child, survival, 283-285

formic acid, hemolytic activity, 286-290 massive verapamil ingestion, 624-631

Pontine lesions, locked-in syndrome, 581-583 Popliteal artery aneurysm, lower extremity ischemia, 83

Popliteal artery entrapment, lower extremity ischemia, 84 Pregnancy

cesarean section, perimortem, 489-494 ectopic in vitro fertilization and, 50

splenic rupture and, 28-31 heterotopic, in vitro fertilization patient, 49-53 interstitial, in vitro fertilization and, 50

sonography, emergency department, 606

Prehospital care

countershock treatment, pediatric asystole, 571-575 endotracheal intubation, pediatric, paramedics' performance of,

intravenous therapy, hemorrhagic shock, 357-363

Propranolol, chronic therapy, cardiac tamponade and malignancy,

Psychiatry, emergency, rapid tranquilization of violent patient, 313-320

Pulmonary edema

high-altitude, noncardiogenic, 426-433

renal failure patient, 336-339 Pulmonary embolism, 426-433

massive, 593-597

splenic rupture and, 28-31

Pulse oximetry

emergency department, 422-425

identification of children with wheezing, 567-570

Radial artery, cannulation, Doppler ultrasound, 260-262 Radiography

abdominal, chewable iron supplement overdose, children,

cervical spine evaluation, 139-142

Raynaud's phenomenon, hypothenar hammer syndrome, 302-306

Rectal examination, ventricular fibrillation during, 57-60

Red blood cells, packed, compatibility with intravenous solutions, 162-164

Renal failure, pulmonary edema and, 336-339

Respiratory complaints, pulse oximetry, emergency department,

Respiratory insufficiency, malignant tracheobronchial obstruction, YAG laser under helium-oxygen administration, 294-296

Restraints, safety, patterns of motor vehicle injury, 271-277 Resuscitation

automatic external defibrillators, use by lay persons, 143-149 perimortem cesarean section and, 489-494

sudden cardiac death, influence of emergency medical services on, 68-82

Rhabdomyolysis, salicylate-induced, 409-410

Rib. fracture, acute, rib belt in, 97-100

Rib belt, acute rib fractures, 97-100

Rifampin, interference with guaiac test, 474-480

Ringer's lactate, ADSOL-stored red cell compatibility with, 162-164 Risk factors, multiple, high-altitude pulmonary edema, 426-433

Safety belts, motor vehicle injury, changing patterns of, 271-277 Safety restraint laws, New Mexico, 271-277

Salicylate, rhabdomyolysis induced by, 409-410

Saline, hypertonic, intravenous fluid therapy of hemorrhagic shock, 357-363

Saphenous vein, cutdown, ankle, 263-266

Scintigraphy, thallium, evaluation of chest pain, 321-328

Scrotum, blunt trauma, 227-234

antidepressant overdose and, 5-10

phenytoin medication for, acute overdose and, 61-67 rectal diazepam, pediatric status epilepticus, 169-172

toxic, camphor ingestion, 41-43

Self-referred patients, emergency department, the Netherlands, 632-639

Serum osmolality, alcohol ingestions, 256-259

Shock

see also specific type

pheochromocytoma presenting as, 44-47

Sinus tachycardia

electrocardiography, 612-615

cyclic antidepressant toxicity, 9-10

Smoking, illness related to, emergency department analysis, 187-190

Snake venom

coral snake, without visible fang marks. 402-405

detection kits, coral snake envenomation, without visible fang marks, 402-405

topical ophthalmic exposure, 307-308

Sodium nitrate, cyanide poisoning, 437-440

Sorbitol, catharsis, management of theophylline poisoning, 34-37

Spider bite, necrotic arachnidism, 309-312

Spleen, spontaneous rupture, 28-31

Splenomegaly, splenic rupture and, 28-31

Status asthmaticus, wheezing, identification with pulse oximetry, children, 567-570

Status epilepticus, pediatric, rectal diazepam in, 169-172

Streptokinase, infusion, hemorrhagic compression of phrenic nerve, 185-186

Stroke, thromboembolic, evaluation in emergency department and, 11-15

Subluxation, jaw, diagnosis and treatment, 329-335

Sudden cardiac death, emergency medical services and defibrillation effects on survival, 68-82

Suicide attempts

analysis of, Houston, Texas, 21-27

benztropine overdose, anticholinergic toxicity after, 199-202 phenytoin overdose, 61-67

Syncope, during rectal examination, 57-60

Temperature

measurement, oral versus rectal, 391-394

oral, rectal, and tympanic membrane-derived, comparison after ingestions of liquids and smoking, 150-154

Temporomandibular joint, dislocation, 329-335

Testicular torsion

Doppler ultrasound, hand-held, emergency department, 209-215 emergency department evaluation, 227-234

Testis, blunt trauma, 227-234

Tetanus, immunity, emergency department patients, 563-566

Tetraplegia, locked-in syndrome, 581-583

Thallium scan, evaluation of chest pain, emergency department, 321-328

Theophylline

overdose, lactic acidosis in, 417-418

poisoning, cathartic-induced magnesium toxicity, 34-37

therapy, emergency department, 395-401

Thromboembolic stroke, evaluation in emergency department, before pharmacologic therapy, 11-15

Thrombolytic therapy, massive pulmonary embolism, 593-597

Thrombosis, deep venous, Doppler ultrasound, 209-215 Tobacco, illness related to, emergency department analysis,

187-190

Tongue, glossal abscess, 406-408

Toxoplasmosis, CNS, with AIDS, 588-592

Tracheal obstruction, presenting as new-onset wheezing, 173-176

Training, triage skills, EMT's, 1-4

Tranquilization, rapid, violent patient, 313-320

Trauma

blunt

abdominal, open versus closed peritoneal lavage, 352-356, 367-371

head, cervical spine injuries and, 139-142

spontaneous rupture of spleen, 28-31

transfer of victims, helicopter use in, 384-386

Trauma care, methods of testing EMT's for triage skills, comparison, 1-4

Triage skills, methods of testing EMT's for, comparison, 1-4 Trimipramine, overdose, 6-7

Tumors, pheochromocytoma presenting as shock and, 44-47 Tympanic membrane, temperature measurement, 150-154

Ulnar artery, aneurysm, hypothenar hammer syndrome, 302-306 Ultrasonography

blunt scrotal trauma, 227-234

Doppler

hand-held, emergency department use of, 209-215 radial artery cannulation guided by, 260-262

emergency department, 605-611

heterotopic pregnancy, 52

Urine, testing, subtoxic dose of isopropyl alcohol, 38-40

Uterus, rupture, unsuspected heterotopic pregnancy, hemorrhagic shock and, 49-53

Vagal stimulation, ECG, 88-90

Vapor pressure, serum osmolality, alcohol ingestions, 256-259

Vascular disease, lower extremities, 83-87

Vasodilator therapy, pulmonary edema, renal failure patient, 336-339

Venous access, saphenous vein cutdown, ankle, 263-266 Ventricular beats, premature, ECG, 88-90

Ventricular fibrillation, see Fibrillation, ventricular Verapamil

electrocardiography, 434-436

massive ingestion, 624-631

potentiation of cocaine toxicity, 464-468

Violence, rapid tranquilization of patients, 313-320

Violent suicide attempts, analysis of, Houston, Texas, 21-27

Wheezing, new-onset, tracheal obstruction presenting as, 173-176 Wolff-Parkinson-White syndrome, electrocardiography, 434-436

YAG laser, helium-oxygen administration, acute malignant tracheobronchial obstruction, 294-296